

# ACAM Flight Report

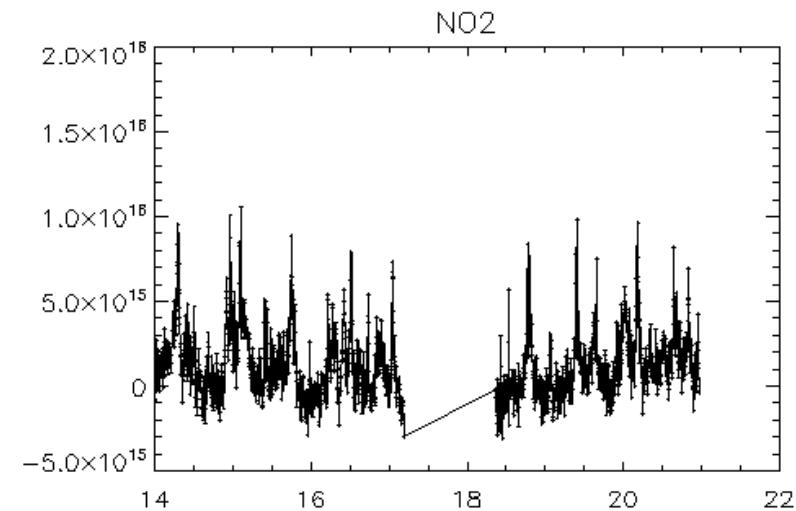
## Flight #12 – 07/27/2011

### Operations and instrument status

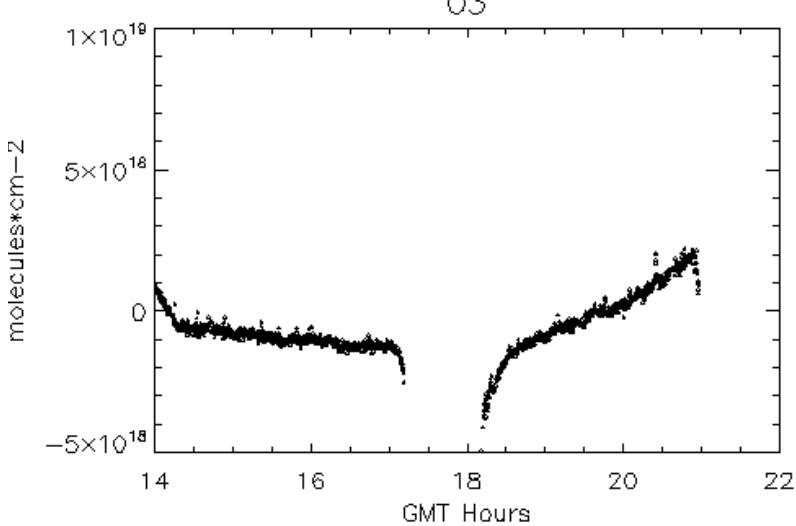
Instrument performance was normal.

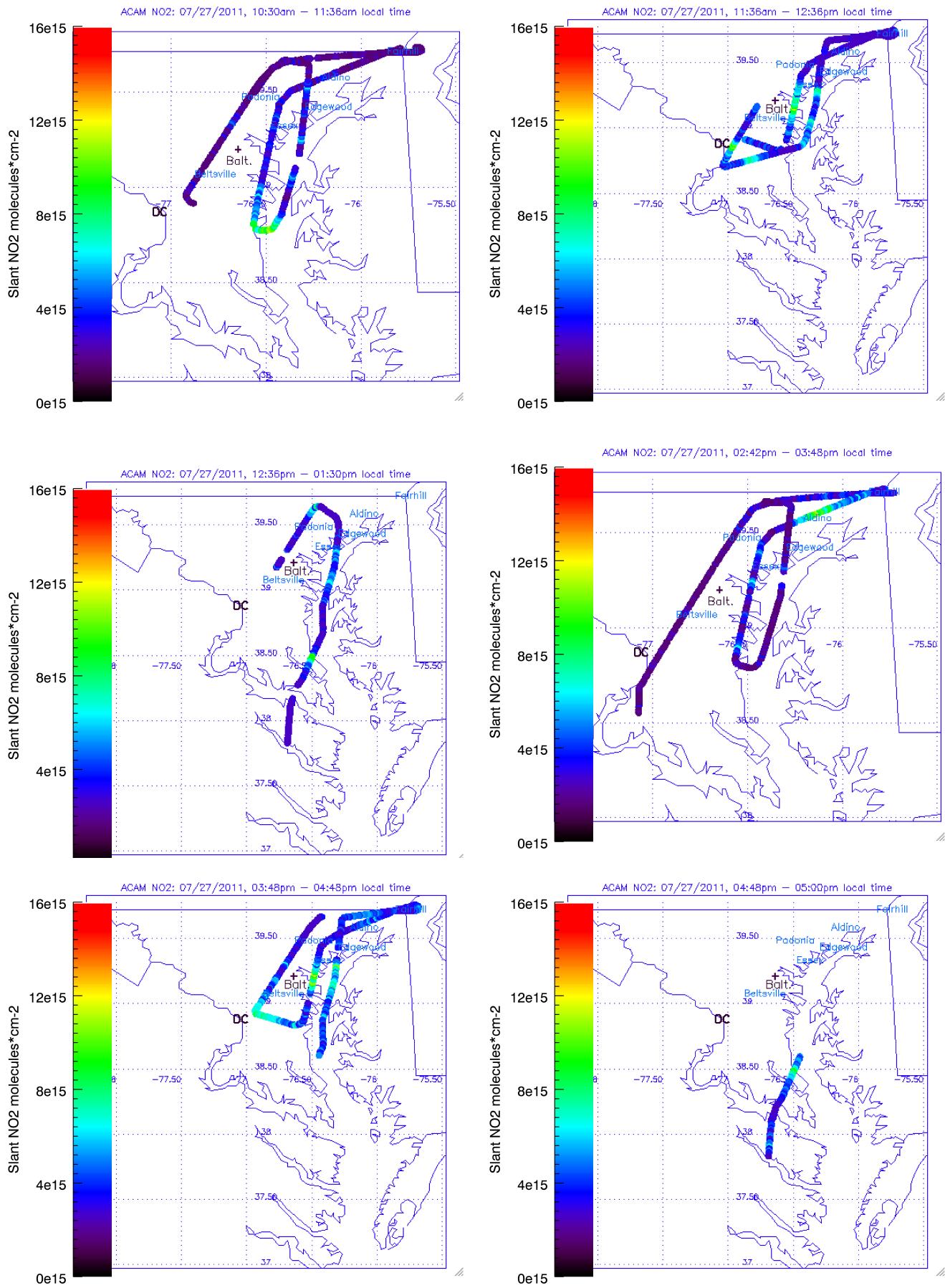
### Science Summary

NO<sub>2</sub> measurements are shown below as differential slant column values relative to an average of spectra taken between the times of 16.2 and 16.6 UTC. NO<sub>2</sub> levels are generally lower than previous flights by about a factor of 2 and with less variability.



Time series plots of NO<sub>2</sub> and O<sub>3</sub>.





Preliminary NO<sub>2</sub> data. Swath averaged resolution 7.5km x 1.2km